

Data Report - Level 1.0 Validation

Project Name: Calpines Initial Study

Site Name: Park



PCR Services Corporation

Parameter: Carbon Monoxide (CO)

Units: Parts per Million (PPM)

Month: November Year: 2005

Day/Hour	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Ave	Max	Min	
1	1.0	0.8	0.6	0.5	0.5	0.6	0.6	0.6	0.7	0.8	0.6	1.0	1.0	0.9	0.8	0.8	0.8	0.8	0.7	0.6	0.7	0.8	0.7	0.6	0.7	1.0	0.5	
2	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.5	0.5	0.5	0.5	0.6	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.6	0.7	0.7	0.8	0.5	0.8	0.4	
3	0.7	0.7	0.6	0.6	0.5	0.4	0.5	0.5	0.5	0.5	0.5	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.5	0.4	0.4	0.4	0.5	0.7	0.4	
4	0.4	0.4	0.3	0.2	0.2	0.3	0.3	0.3	0.4	0.4	0.4	0.3	0.3	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.5	0.7	0.8	0.9	0.4	0.9	0.2	
5	1.0	0.8	0.8	0.7	0.7	0.7	0.6	0.5	0.5	0.5	0.5	0.5	0.4	0.4	ZS	0.4	0.4	0.4	0.4	0.5	0.5	0.4	0.5	0.7	0.8	0.6	1.0	0.4
6	0.6	0.7	0.9	0.9	0.8	0.6	0.5	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.5	0.4	0.4	0.4	0.5	0.5	0.5	0.5	0.5	0.4	0.9	0.4	
7	0.4	0.4	0.4	0.4	0.3	0.3	0.3	0.4	0.4	0.4	0.4	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.4	0.3	
8	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.5	0.4	0.4	0.5	0.5	0.5	0.4	0.4	0.4	0.4	0.4	0.4	0.5	0.5	0.4	0.3	0.4	0.5	0.3	
9	0.3	0.3	0.3	0.3	0.4	0.4	0.4	0.4	0.4	0.5	0.3	0.4	0.4	0.3	0.3	0.3	0.3	0.3	0.3	0.4	0.4	0.3	0.4	0.5	0.3	0.5	0.3	
10	0.5	0.5	0.6	0.6	0.7	0.7	0.5	0.7	0.9	0.6	0.6	0.7	0.6	0.5	0.5	0.4	0.4	0.4	0.6	0.9	0.9	0.9	1.1	1.2	0.7	1.2	0.4	
11	1.1	0.7	0.8	0.8	0.7	0.8	0.7	0.7	0.6	0.6	0.5	0.4	0.3	0.4	0.4	0.4	0.4	0.5	0.5	0.5	0.5	0.5	0.5	0.4	0.6	1.1	0.3	
12	0.5	0.6	0.4	0.3	0.3	0.3	0.3	0.3	0.4	0.4	0.4	0.5	0.7	0.5	0.6	0.4	0.4	0.5	0.5	0.5	0.5	0.6	0.7	0.5	0.7	0.3		
13	0.7	1.1	0.8	0.7	0.5	0.5	0.5	0.5	0.6	0.6	0.7	0.6	0.6	0.5	0.4	0.4	0.4	0.5	0.5	0.5	0.5	0.5	0.5	0.6	1.1	0.4		
14	0.5	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.6	0.5	0.6	0.6	0.5	0.4	0.4	0.4	0.4	0.4	0.5	0.6	0.6	0.6	0.7	0.7	0.5	0.7	0.4	
15	0.6	0.6	0.5	0.2	0.2	0.2	0.2	0.3	0.5	0.4	0.3	0.3	0.3	0.3	0.3	0.4	0.4	0.4	0.6	0.8	0.7	0.6	0.5	0.4	0.4	0.8	0.2	
16	0.4	0.4	0.4	0.4	0.5	0.4	0.5	0.8	1.3	1.2	0.7	0.6	CA	2.6	1.6	1.6	1.5	1.4	1.0	2.6	0.4							
17	1.1	0.9	0.8	0.8	0.7	0.7	0.7	CA	CA	CA	CA	0.9	0.9	0.9	1.0	0.9	0.8	0.9	1.2	1.4	1.5	1.3	1.2	0.9	1.0	1.5	0.7	
18	0.8	0.7	0.6	0.6	0.5	0.6	0.6	0.8	0.9	0.9	0.9	0.8	0.8	0.8	0.9	1.0	0.9	1.0	1.3	1.3	1.6	1.8	1.5	1.1	0.9	1.8	0.5	
19	0.9	0.8	0.7	0.7	0.7	0.6	0.7	0.6	0.7	0.8	0.8	0.8	0.8	0.7	0.8	0.8	0.7	0.9	1.1	1.5	1.5	1.3	0.9	0.8	0.9	1.5	0.6	
20	0.7	0.6	0.6	0.5	0.5	0.5	0.4	0.4	ST	ST	0.6	0.6	0.6	0.7	0.8	0.7	0.6	0.6	1.0	1.2	1.5	1.5	1.3	0.8	0.8	1.5	0.4	
21	0.6	0.6	0.6	0.5	0.5	0.4	0.4	0.5	ST	ST	ST	0.5	0.7	0.7	0.8	0.8	0.8	0.8	1.2	1.6	1.8	1.4	1.1	0.8	0.8	1.8	0.4	
22	0.6	0.6	0.6	0.6	0.5	0.4	0.4	0.6	ST	ST	ST	ZS	ZS	0.9	0.9	0.9	0.9	1.0	1.4	1.7	1.7	1.3	1.0	0.9	0.9	1.7	0.4	
23	0.7	0.7	0.7	0.7	0.7	0.7	0.8	1.0	ST	ST	ST	1.3	1.2	0.9	0.8	0.8	0.8	1.0	1.1	1.3	1.7	1.6	1.4	1.0	1.0	1.7	0.7	
24	1.1	0.9	1.0	1.0	1.1	0.9	0.8	0.8	ST	ST	ST	0.8	0.8	0.7	0.8	0.7	0.8	0.7	0.8	0.8	0.6	0.5	0.7	0.6	0.8	1.1	0.5	
25	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.4	0.4	0.4	0.4	0.2	0.2	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.3	0.2	0.2	0.3	0.4	0.1	
26	0.1	0.2	0.2	0.3	0.2	0.3	0.3	ST	ST	ST	ST	0.2	0.1	0.2	0.1	0.1	0.2	0.3	0.4	0.5	0.9	1.1	1.0	0.4	1.1	0.1		
27	ST	0.2	0.2	0.2	0.4	0.9	1.1	1.0	0.8	0.4																		
28	ST	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1																		
29	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	ZS	ZS	ZS	0.0	0.0	0.0	0.0	0.2	0.2	0.2	0.2	0.1	0.2	0.1	0.2		
30	0.3	0.4	0.4	0.5	0.5	0.4	0.4	0.6	0.5	0.3	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.2	0.6		
Average	0.6	0.6	0.5	0.5	0.5	0.5	0.6	0.5	0.5	0.6	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.6	0.8	0.8	0.8	0.7	0.6					
Maximum	1.1	1.1	1.0	1.0	1.1	0.9	0.8	1.0	1.3	1.2	0.9	1.3	1.2	0.9	1.0	1.0	0.9	1.0	1.4	2.6	1.8	1.8	1.5	1.4				
Minimum	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		

Quality Control Codes

Auto Zero, Span Check	AS
Calibration	CA
Invalid Hour	IH
Instrument Malfunction	IM
Channel Off Line	OL
Out of Range	OR
Rate of Change	RC
Replace Instrument	RP
Shelter Temperature Range Exceedance	ST
Instrument Warm Up	WU
Zero,Span Precision Check	ZS

Data Report - Level 1.0 Validation

Project Name: Calpines Initial Study

Site Name: Park



PCR Services Corporation

Parameter: Oxides of Nitrogen (NOx)

Units: Parts per Billion (PPB)

Month: November Year: 2005

Day/Hour	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Ave	Max	Min	
1	69.1	49.3	30.4	26.5	22.2	29.4	28.7	38.1	46.0	46.8	23.1	58.5	72.4	49.9	39.6	39.6	45.8	56.2	31.3	15.9	28.1	44.6	36.0	31.0	39.9	72.4	15.9	
2	26.9	18.2	15.5	17.3	19.1	21.0	22.8	24.6	26.6	26.6	24.7	22.7	21.3	19.9	18.5	17.1	15.7	14.4	12.9	13.5	18.3	26.9	23.8	25.3	20.6	26.9	12.9	
3	28.5	27.1	22.9	16.1	17.5	16.2	25.7	15.7	23.3	21.9	24.7	18.8	25.8	28.6	28.4	31.9	32.9	30.1	16.2	19.8	20.2	25.1	30.0	24.0	32.9	15.7		
4	34.8	13.5	14.7	15.6	16.2	17.6	19.0	27.8	40.9	36.6	23.7	19.2	17.4	23.5	37.5	33.1	36.1	36.5	37.9	39.5	44.4	55.2	60.7	69.7	32.1	69.7	13.5	
5	82.4	65.5	58.3	45.4	47.1	41.9	34.5	28.1	32.9	29.6	26.9	23.1	27.4	28.8	ZS	13.9	14.4	26.5	31.7	25.8	22.8	32.1	36.9	38.0	35.4	82.4	13.9	
6	35.5	28.2	26.6	20.2	24.2	18.6	17.8	17.0	15.0	36.6	18.6	14.5	25.5	26.0	18.4	24.9	21.8	38.3	39.5	38.5	38.2	32.6	27.5	25.9	39.5	14.5		
7	25.8	28.2	28.8	22.1	24.2	23.5	23.6	23.7	23.9	29.7	22.3	20.6	19.0	17.7	15.7	15.0	14.1	13.5	12.9	12.2	16.3	13.5	14.4	15.3	19.8	29.7	12.2	
8	16.4	17.2	18.1	19.2	20.1	21.0	21.8	22.7	23.9	25.0	25.9	26.5	27.1	27.6	18.6	19.2	16.0	22.8	29.0	26.0	22.9	30.8	30.4	19.2	22.8	30.8	16.0	
9	19.0	18.8	18.2	18.4	18.4	18.0	17.8	17.6	16.4	15.8	15.6	11.9	12.4	12.6	13.7	14.2	14.9	14.7	15.3	16.0	16.6	17.1	17.6	18.2	16.2	19.0	11.9	
10	18.3	20.7	23.1	25.5	27.9	30.4	33.7	35.2	42.7	39.8	36.2	38.6	28.6	18.0	13.9	13.0	12.7	12.3	29.4	43.3	52.0	39.7	74.0	57.9	32.0	74.0	12.3	
11	58.5	23.2	27.3	27.7	28.0	36.8	55.8	51.3	45.8	46.7	20.0	8.3	7.1	12.0	14.0	12.5	10.2	8.4	14.0	14.8	15.2	12.6	15.7	6.4	23.8	58.5	6.4	
12	11.7	13.9	4.5	3.0	3.5	5.0	4.8	5.6	6.2	7.4	5.4	15.0	16.9	13.3	13.7	6.8	7.0	11.1	17.4	23.2	17.8	20.9	24.0	27.5	11.9	27.5	3.0	
13	23.9	51.2	30.6	14.1	8.9	10.3	4.6	7.8	10.9	18.1	15.1	11.4	15.4	5.2	5.0	5.5	5.9	5.3	9.4	7.9	9.2	9.9	11.2	14.7	13.0	51.2	4.6	
14	13.5	6.2	2.5	5.1	6.2	8.6	11.3	13.5	16.9	19.3	21.8	23.9	22.3	20.8	18.8	17.2	16.2	19.4	23.4	25.5	23.2	25.9	43.2	44.0	18.7	44.0	2.5	
15	22.6	18.6	12.6	14.4	17.0	18.9	20.8	21.9	24.2	18.1	20.7	23.2	25.7	28.3	30.3	33.1	36.4	38.8	40.8	41.2	27.1	16.6	16.1	15.1	24.3	41.2	12.6	
16	14.4	14.0	13.2	12.5	11.4	10.8	33.5	56.7	99.4	68.9	28.6	11.0	CA	103.3	108.2	93.3	89.5	80.5	49.9	108.2	10.8							
17	57.0	41.4	29.6	36.2	27.3	29.8	35.0	CA	CA	CA	CA	60.7	65.0	60.5	63.7	48.8	43.5	45.4	80.5	111.6	112.0	87.2	79.3	49.2	58.2	112.0	27.3	
18	46.0	38.2	34.3	38.2	30.8	24.1	28.6	57.2	75.3	67.1	64.6	58.8	48.9	48.3	55.8	72.6	70.2	76.0	90.8	102.9	122.2	147.2	115.5	81.0	66.4	147.2	24.1	
19	72.0	53.8	49.2	48.6	34.9	41.6	40.3	34.4	35.2	31.9	29.8	36.4	39.3	39.2	38.3	29.8	34.9	42.2	64.7	93.7	94.3	75.1	41.2	39.3	47.5	94.3	29.8	
20	48.3	35.3	30.2	29.7	13.2	10.9	14.3	17.8	ST	ST	24.6	29.0	31.1	38.5	49.9	46.9	36.7	35.3	51.9	65.7	99.5	98.5	79.6	44.6	42.3	99.5	10.9	
21	37.3	35.0	29.1	12.9	26.4	14.3	19.3	28.2	ST	ST	ST	23.8	31.9	30.2	39.8	59.6	50.1	47.8	79.7	111.8	141.4	109.2	77.6	54.5	50.5	141.4	12.9	
22	45.7	46.8	34.3	39.3	38.7	26.6	28.0	44.9	ST	ST	ST	ZS	ZS	58.5	56.5	48.0	53.5	64.3	98.5	113.7	130.3	89.7	60.0	44.9	59.1	130.3	26.6	
23	45.9	38.9	41.1	36.0	35.8	42.0	52.9	63.5	ST	ST	ST	85.4	79.8	58.1	59.8	70.2	71.7	74.5	89.4	106.6	135.7	116.2	90.5	65.2	69.5	135.7	35.8	
24	69.5	59.1	65.6	61.4	75.5	61.3	48.9	54.4	ST	ST	ST	46.0	48.8	44.2	57.0	50.4	46.1	40.4	32.0	43.8	33.5	23.7	29.1	21.3	48.2	75.5	21.3	
25	14.6	14.4	12.5	11.4	13.8	12.4	10.6	10.0	13.0	17.6	11.9	11.3	8.3	9.9	8.7	4.1	2.8	3.4	13.0	0.1	0.0	0.0	0.0	6.7	8.8	17.6	0.0	
26	ST	ST	ST	ST	ST	28.6	58.2	0.5																				
27	ST	ST	ST	ST	ST	29.5	64.4	9.7																				
28	16.6	16.4	11.2	1.0	0.0	6.1	8.0	10.5	21.9	21.5	20.3	14.1	8.5	6.7	4.4	4.8	4.1	0.0	0.0	0.0	0.0	0.0	0.1	0.0	7.3	21.9	0.0	
29	0.0	0.0	0.0	3.5	2.8	4.1	5.2	7.0	11.4	14.1	11.4	ZS	ZS	ZS	ZS	12.2	12.6	13.0	16.3	28.2	30.1	24.9	24.2	18.4	23.5	12.5	30.1	0.0
30	32.0	27.6	36.8	42.1	44.0	32.8	32.2	44.2	35.8	21.5	14.3	1.6	4.3	3.6	3.7	10.1	11.3	15.0	14.0	8.5	2.4	1.5	0.4	0.1	18.3	44.2	0.1	
Average	35.2	29.3	25.8	23.7	23.4	22.6	25.0	28.9	31.3	30.0	23.1	27.5	28.2	27.6	28.2	26.5	26.2	27.9	36.7	44.7	49.2	45.9	41.5	33.7				
Maximum	82.4	65.5	65.6	61.4	75.5	61.3	55.8	63.5	99.4	68.9	64.6	85.4	79.8	60.5	63.7	72.6	71.7	76.0	98.5	113.7	141.4	147.2	115.5	81.0				
Minimum	0.0	0.0	0.0	1.0	0.0	4.1	4.6	5.6	6.2	7.4	5.4	1.6	4.3	3.6	3.7	4.1	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	18.3	44.2	0.0	

Quality Control Codes

Auto Zero, Span Check	AS
Calibration	CA
Invalid Hour	IH
Instrument Malfunction	IM
Channel Off Line	OL
Out of Range	OR
Rate of Change	RC
Replace Instrument	RP
Shelter Temperature Range Exceedance	ST
Instrument Warm Up	WU
Zero,Span Precision Check	ZS

Data Report - Level 1.0 Validation

Project Name: Calpines Initial Study

Site Name: Park



PCR Services Corporation

Parameter: Nitrous Oxide (NO)

Units: Parts per Billion (PPB)

Month: November Year: 2005

Day/Hour	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Ave	Max	Min	
1	31.5	20.0	14.4	11.7	13.3	15.0	15.5	22.4	27.7	29.9	18.2	32.9	35.7	26.9	21.7	18.7	19.1	21.3	14.5	14.0	15.4	19.2	16.0	14.4	20.4	35.7	11.7	
2	14.9	15.0	13.1	12.2	14.3	13.1	13.8	16.7	20.0	19.5	16.5	20.4	15.4	14.9	13.7	13.9	14.2	14.4	12.8	12.6	13.0	14.4	14.3	15.5	14.9	20.4	12.2	
3	15.1	15.2	14.9	14.6	13.3	13.0	15.8	14.8	17.0	16.8	17.7	14.7	13.3	14.3	15.0	14.4	14.0	14.2	14.9	13.1	13.7	13.5	13.2	12.6	14.6	17.7	12.6	
4	13.8	12.3	12.3	13.9	13.1	12.8	13.6	15.0	20.2	18.7	14.7	15.2	14.2	13.9	13.9	14.0	13.6	13.1	12.1	13.2	13.6	15.9	19.0	25.1	14.9	25.1	12.1	
5	35.8	20.6	21.3	15.3	17.3	17.5	14.3	15.4	15.7	15.5	15.2	14.3	14.2	13.9	ZS	13.8	14.3	13.4	13.7	12.5	13.8	13.1	14.8	18.1	16.3	35.8	12.5	
6	15.2	12.5	17.7	16.5	19.3	12.7	12.8	11.8	12.5	13.2	12.5	12.2	13.2	13.5	12.4	12.5	12.2	12.2	11.2	11.5	13.0	12.7	11.5	11.6	13.2	19.3	11.2	
7	10.7	11.8	10.0	10.3	10.4	10.5	10.3	11.5	13.6	14.6	13.4	12.3	10.2	10.9	10.5	10.2	9.8	10.5	11.3	10.7	9.9	10.3	10.1	10.0	11.0	14.6	9.8	
8	9.5	10.1	9.2	9.1	8.5	9.3	9.5	9.6	11.6	13.9	15.5	16.6	14.4	10.2	11.6	10.8	10.3	8.9	10.0	9.9	10.9	10.0	9.7	10.8	16.6	8.5		
9	7.8	7.6	7.7	7.6	11.5	10.6	11.0	10.9	13.7	13.3	10.3	10.2	11.5	9.0	7.1	8.8	9.4	7.9	8.3	8.2	7.8	6.7	8.3	7.0	9.3	13.7	6.7	
10	8.8	9.6	18.4	23.6	24.0	16.1	10.9	28.9	38.9	22.4	18.5	15.3	11.8	9.3	7.8	7.6	7.1	6.8	10.7	20.5	23.9	21.0	42.7	42.9	18.6	42.9	6.8	
11	32.3	15.5	21.3	26.3	18.9	25.2	25.8	27.2	19.0	19.9	8.9	6.3	5.7	6.9	7.1	7.2	6.2	5.4	5.1	5.5	5.0	5.0	5.3	4.3	13.1	32.3	4.3	
12	7.1	4.5	4.1	2.3	3.3	4.5	3.5	3.0	4.5	4.3	3.6	5.6	6.8	6.1	5.7	4.9	4.3	4.2	4.1	3.3	3.3	4.6	6.2	8.4	4.7	8.4	2.3	
13	7.7	26.9	13.1	3.0	2.8	4.6	3.4	2.8	9.9	9.5	9.1	6.8	8.4	4.4	3.3	3.8	1.3	1.7	2.7	1.8	3.2	2.1	2.8	5.8	26.9	1.3		
14	1.9	0.2	0.3	1.2	1.9	1.0	1.2	3.0	13.5	9.3	8.7	15.7	8.5	5.4	6.0	6.5	5.1	2.9	2.0	5.4	10.4	11.0	14.3	13.7	6.2	15.7	0.2	
15	14.7	14.2	7.1	0.1	0.0	0.0	0.0	0.8	11.3	8.1	2.1	1.5	0.1	0.9	0.5	0.7	0.0	0.0	1.4	22.4	14.7	7.5	0.0	0.0	4.5	22.4	0.0	
16	0.0	0.0	0.0	0.0	0.0	0.8	2.0	7.4	19.9	69.2	51.1	15.2	8.1	CA	44.2	46.0	37.8	36.5	28.4	21.6	69.2	0.0						
17	12.2	5.4	1.4	3.4	1.4	2.4	3.1	CA	CA	CA	CA	8.9	8.3	6.8	8.6	4.4	1.6	1.6	20.4	49.2	57.8	41.8	35.8	15.6	14.5	57.8	1.4	
18	13.1	10.5	5.4	6.9	5.2	2.9	2.2	23.5	42.2	32.9	27.0	20.0	15.0	10.6	11.0	15.8	13.0	14.1	30.3	45.8	67.5	94.6	65.1	31.4	25.3	94.6	2.2	
19	24.4	14.6	12.3	14.1	8.1	12.7	11.7	10.0	14.8	12.5	10.2	9.7	7.9	5.5	5.5	4.6	3.7	2.9	14.3	52.2	52.7	34.7	8.8	10.8	14.9	52.7	2.9	
20	14.7	4.1	4.0	2.5	1.3	0.4	1.2	1.6	ST	ST	7.1	7.7	7.7	6.6	8.9	5.6	0.8	0.2	6.0	19.9	49.4	50.2	35.6	7.0	11.0	50.2	0.2	
21	6.4	4.4	2.8	1.6	2.7	1.8	1.6	3.8	ST	ST	ST	5.6	6.8	4.0	5.1	11.1	7.6	3.3	26.8	61.5	93.0	57.4	29.7	16.6	16.8	93.0	1.6	
22	5.8	8.0	6.2	5.2	9.3	3.4	6.8	17.5	ST	ST	ST	ZS	ZS	15.2	14.0	9.3	9.3	11.7	48.0	71.4	82.8	50.5	21.1	11.5	21.4	82.8	3.4	
23	10.7	9.7	10.1	8.3	8.0	14.1	27.4	39.3	ST	ST	ST	41.7	34.7	19.3	15.8	16.4	14.8	19.1	32.4	52.4	90.5	72.7	53.0	28.2	29.5	90.5	8.0	
24	37.0	31.7	35.4	40.4	48.7	36.3	24.8	29.9	ST	ST	ST	21.7	19.7	15.8	19.8	12.5	9.4	6.0	7.5	8.9	3.8	1.6	3.7	1.9	19.8	48.7	1.6	
25	0.8	0.4	0.0	1.2	0.0	0.0	0.0	0.0	0.8	4.0	0.9	2.0	0.1	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	4.0	0.0		
26	ST	10.0	32.8	0.0																								
27	ST	0.2	0.6	1.0	0.0	0.0	0.0	0.0	19.6	27.4	22.6	14.2	0.0															
28	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	1.8	2.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	2.2	0.0		
29	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	ZS	ZS	ZS	ZS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.9	0.0	
30	1.0	5.7	12.9	18.6	22.2	10.9	9.3	28.6	18.9	8.6	6.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	28.6	0.0	
Average	12.6	10.4	9.8	9.6	10.0	9.0	9.3	13.6	17.9	15.4	11.0	12.5	11.0	9.3	8.3	7.9	7.0	6.8	11.0	19.7	24.8	22.0	17.5	12.5				
Maximum	37.0	31.7	35.4	40.4	48.7	36.3	27.4	39.3	69.2	51.1	27.0	41.7	35.7	26.9	21.7	18.7	19.1	21.3	48.0	71.4	93.0	94.6	65.1	42.9				
Minimum	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.9	0.0	

Quality Control Codes

Auto Zero, Span Check	AS
Calibration	CA
Invalid Hour	IH
Instrument Malfunction	IM
Channel Off Line	OL
Out of Range	OR
Rate of Change	RC
Replace Instrument	RP
Shelter Temperature Range Exceedance	ST
Instrument Warm Up	WU
Zero,Span Precision Check	ZS

Data Report - Level 1.0 Validation

Project Name: Calpines Initial Study

Site Name: Park



PCR Services Corporation

Parameter: Nitrogen Dioxide (NO2)

Units: Parts per Billion (PPB)

Month: November Year: 2005

Day/Hour	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Ave	Max	Min			
1	37.7	29.3	16.0	14.8	8.9	14.5	13.2	15.6	18.3	16.9	4.9	25.6	36.7	22.9	17.9	20.9	26.7	34.9	16.8	1.9	12.7	25.4	20.0	16.6	19.5	37.7	1.9			
2	12.0	3.1	2.3	5.1	4.8	7.9	9.0	7.8	6.6	7.1	8.2	2.3	5.9	5.0	4.8	3.2	1.5	0.0	0.1	0.9	5.2	12.5	9.5	9.8	5.6	12.5	0.0			
3	13.3	11.9	8.0	1.6	4.2	3.2	9.8	0.9	6.3	5.1	6.9	4.1	12.6	14.4	13.5	14.0	17.9	18.7	15.3	3.1	6.1	6.7	11.9	17.4	9.4	18.7	0.9			
4	21.0	1.2	2.4	1.7	3.1	4.8	5.5	12.8	20.7	17.9	8.9	4.1	3.2	9.6	23.6	19.1	22.5	23.4	25.9	26.3	30.8	39.3	41.7	44.6	17.2	44.6	1.2			
5	46.6	44.9	36.9	30.1	29.9	24.4	17.0	13.8	17.5	13.9	11.7	8.9	13.2	15.0	ZS	0.1	0.1	13.0	18.0	13.3	9.0	19.0	22.1	19.9	19.1	46.6	0.1			
6	20.3	15.6	8.9	3.7	4.9	5.9	5.0	5.2	2.5	23.3	6.2	4.2	1.3	12.0	13.7	6.0	12.7	9.6	27.0	28.0	25.5	25.5	21.1	15.9	12.7	28.0	1.3			
7	15.1	16.4	18.8	11.8	13.8	13.0	13.3	12.2	10.3	15.2	8.9	8.3	8.8	6.8	5.2	4.8	4.3	3.0	1.6	1.5	6.3	3.2	4.3	5.3	8.8	18.8	1.5			
8	6.9	7.1	8.9	10.0	11.0	12.5	12.5	13.2	14.3	13.4	12.0	11.0	10.4	13.3	8.4	7.6	5.3	12.5	20.1	16.0	13.0	19.9	20.5	9.4	12.0	20.5	5.3			
9	11.2	11.2	10.5	10.8	6.9	7.4	6.8	6.7	2.7	2.5	5.3	1.7	0.9	3.6	6.6	5.4	5.5	6.8	7.0	7.8	8.8	10.4	9.3	11.2	7.0	11.2	0.9			
10	9.5	11.1	4.7	1.9	3.9	14.3	22.8	6.3	3.9	17.4	17.7	23.3	16.9	8.7	6.1	5.4	5.6	5.6	18.7	22.8	28.1	18.6	31.3	15.0	13.3	31.3	1.9			
11	26.2	7.7	6.0	1.5	9.1	11.6	30.0	24.1	26.8	26.8	11.1	2.0	1.4	5.1	6.9	5.3	4.0	2.9	8.9	9.3	10.2	7.6	10.4	2.1	10.7	30.0	1.4			
12	4.6	9.4	0.4	0.7	0.2	0.5	1.3	2.6	1.7	3.1	1.8	9.4	10.1	7.2	8.0	1.9	2.7	6.9	13.4	19.9	14.5	16.2	17.7	19.0	7.2	19.9	0.2			
13	16.2	24.3	17.4	11.1	6.0	5.7	1.2	5.0	0.9	8.6	5.9	4.6	7.0	0.7	1.7	2.2	2.1	4.0	7.7	5.2	7.4	6.7	9.1	11.9	7.2	24.3	0.7			
14	11.6	6.0	2.2	3.9	4.3	7.6	10.1	10.5	3.4	10.0	13.1	8.2	13.8	15.4	12.8	10.7	11.1	16.5	21.4	20.1	12.8	14.9	28.9	30.3	12.5	30.3	2.2			
15	7.9	4.4	5.6	14.3	17.0	18.9	20.8	21.1	12.9	10.0	18.6	21.7	25.6	27.4	29.8	32.4	36.4	38.8	39.4	18.8	12.4	9.1	16.1	15.1	19.8	39.4	4.4			
16	14.4	14.0	13.2	12.5	10.6	8.8	26.1	36.8	30.2	17.7	13.3	2.9	CA	CA	CA	CA	CA	CA	59.1	62.2	55.5	53.0	52.1	28.4	62.2	2.9				
17	44.8	36.1	28.2	32.8	25.8	27.4	31.9	CA	CA	CA	CA	51.8	56.7	53.7	55.1	44.5	41.9	43.8	60.1	62.4	54.2	45.5	43.5	33.6	43.7	62.4	25.8			
18	32.9	27.7	28.9	31.3	25.7	21.2	26.4	33.7	33.1	34.2	37.6	38.8	33.9	37.7	44.8	56.9	57.3	61.9	60.5	57.1	54.7	52.6	50.3	49.6	41.2	61.9	21.2			
19	47.6	39.1	36.9	34.6	26.9	28.9	28.6	24.4	20.3	19.3	19.6	26.7	31.4	33.8	32.9	25.1	31.2	39.3	50.4	41.5	41.7	40.4	32.4	28.6	32.6	50.4	19.3			
20	33.6	31.2	26.2	27.2	11.9	10.4	13.1	16.2	ST	ST	17.5	21.2	23.4	31.9	41.0	41.3	35.9	35.1	45.9	45.7	50.0	48.3	44.0	37.6	31.3	50.0	10.4			
21	30.9	30.6	26.3	11.3	23.6	12.5	17.8	24.4	ST	ST	ST	18.2	25.1	26.2	34.7	48.6	42.5	44.5	52.9	50.3	48.4	51.7	47.9	37.9	33.6	52.9	11.3			
22	40.0	38.8	28.1	34.1	29.5	23.2	21.3	27.5	ST	ST	ST	ZS	43.3	42.4	38.7	44.3	52.6	50.6	42.3	47.4	39.2	39.0	33.4	37.7	52.6	21.3				
23	35.3	29.2	31.0	27.7	27.7	27.9	25.5	24.2	ST	ST	ST	43.7	45.1	38.8	44.0	53.8	56.9	55.4	57.0	54.2	45.2	43.5	37.5	37.1	40.0	57.0	24.2			
24	32.5	27.3	30.2	21.0	26.8	24.9	24.1	24.5	ST	ST	24.3	29.1	28.4	37.2	37.8	36.6	34.4	24.5	34.9	29.7	22.1	25.4	19.4	28.3	37.8	19.4				
25	13.8	14.0	12.5	10.2	13.8	12.4	10.6	10.0	12.1	13.6	11.0	9.2	8.2	8.7	8.7	4.1	2.8	3.4	13.0	0.1	0.0	0.0	0.6	7.7	8.3	14.0	0.0			
26	ST	5.9	0.5	5.1	19.6	30.8	32.7	23.7	25.4	24.0																				
27	ST	14.4	14.6	16.9	17.5	18.5	9.7	27.4	38.9	37.0	34.5	28.7	10.4	22.4	38.9	9.7														
28	16.6	16.4	11.2	1.0	0.0	6.1	8.0	10.5	21.5	19.7	18.1	14.1	8.5	6.7	4.4	4.8	4.1	0.0	0.0	0.0	0.0	0.0	0.1	0.0	7.2	21.5	0.0			
29	0.0	0.0	0.0	3.5	2.8	4.1	5.2	7.0	11.4	14.1	11.4	ZS	ZS	ZS	ZS	12.2	12.6	13.0	16.3	27.3	30.1	24.9	24.2	18.4	23.5	12.5	30.1	0.0		
30	30.9	22.0	24.0	23.6	21.8	21.9	23.0	15.6	17.0	12.9	7.5	1.6	4.3	3.6	3.7	10.1	11.3	15.0	14.0	8.5	2.4	1.5	0.4	0.1	12.4	30.9	0.1			
Average	22.6	18.9	15.9	14.1	13.4	13.6	15.7	15.3	13.4	14.7	12.1	15.1	17.2	18.3	19.9	18.6	19.1	21.1	25.7	25.0	24.4	23.9	24.0	21.3						
Maximum	47.6	44.9	36.9	34.6	29.9	28.9	31.9	36.8	33.1	34.2	37.6	51.8	56.7	53.7	55.1	56.9	57.3	61.9	60.5	62.4	62.2	55.5	53.0	52.1						
Minimum	0.0	0.0	0.0	0.7	0.0	0.5	1.2	0.9	0.9	2.5	1.8	1.6	0.9	0.7	1.7	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	12.4	30.9	0.1			

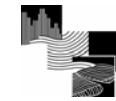
Quality Control Codes

Auto Zero, Span Check	AS
Calibration	CA
Invalid Hour	IH
Instrument Malfunction	IM
Channel Off Line	OL
Out of Range	OR
Rate of Change	RC
Replace Instrument	RP
Shelter Temperature Range Exceedance	ST
Instrument Warm Up	WU
Zero,Span Precision Check	ZS

Data Report - Level 1.0 Validation

Project Name: Calpines Initial Study

Site Name: Park



PCR

PCR Services Corporation

Parameter: Wind Speed

Units: Meters per Second (m/s)

Month: November Year: 2005

Day/Hour	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Ave	Max	Min
1	0.9	1.7	2.9	3.1	1.3	0.2	0.5	0.5	1.1	0.7	0.4	2.1	2.7	2.7	1.9	0.8	2.1	1.5	2.5	1.3	0.3	1.3	1.3	1.3	1.5	3.1	0.2
2	1.9	1.0	0.8	0.6	0.2	1.0	2.1	2.4	2.9	2.7	1.8	0.8	2.6	2.7	2.8	3.2	3.0	2.5	1.8	1.5	0.7	0.5	0.7	0.6	1.7	3.2	0.2
3	0.0	0.2	0.1	0.3	0.7	0.8	1.9	1.6	2.6	2.4	2.2	0.4	1.0	0.7	0.7	0.9	1.4	2.2	1.8	0.2	0.1	1.6	2.7	3.3	1.3	3.3	0.0
4	3.2	2.6	2.7	2.6	2.2	2.3	2.5	2.8	2.6	2.2	2.3	2.7	1.1	1.7	2.4	2.9	3.2	2.4	2.9	2.9	0.2	0.7	0.2	0.6	2.2	3.2	0.2
5	0.2	0.6	0.7	0.3	0.0	0.1	0.4	1.1	1.7	2.0	0.6	2.1	3.0	3.1	3.2	2.7	2.1	1.8	2.3	2.8	2.5	0.8	0.1	0.0	1.4	3.2	0.0
6	0.2	0.1	0.5	0.3	0.3	0.3	1.0	2.0	2.1	2.0	0.4	1.2	2.1	1.0	1.5	2.2	2.1	1.4	1.6	0.7	0.9	0.7	0.1	1.0	1.1	2.2	0.1
7	0.6	0.1	1.5	2.2	1.5	2.9	2.8	3.2	4.2	3.9	3.6	3.7	3.4	3.2	2.6	2.4	2.8	2.7	2.5	2.6	2.8	2.7	2.6	2.4	2.6	4.2	0.1
8	2.5	1.9	1.6	1.1	1.5	1.8	1.7	1.9	1.9	1.7	2.1	2.2	2.6	3.0	3.3	3.4	3.2	2.7	1.6	0.3	1.6	1.2	1.6	2.9	2.1	3.4	0.3
9	2.5	2.5	0.4	1.1	0.1	0.3	3.2	3.1	3.2	2.7	1.6	2.2	3.3	3.3	2.6	1.7	1.8	1.5	1.6	1.7	1.1	1.0	0.5	0.0	1.8	3.3	0.0
10	0.0	0.0	0.1	0.2	0.1	0.2	0.5	0.2	0.2	1.1	0.9	2.1	0.8	2.1	1.3	1.0	2.2	1.4	1.2	0.5	0.8	0.8	0.2	0.0	0.7	2.2	0.0
11	0.4	0.4	0.2	0.2	0.1	0.2	0.4	0.5	1.1	0.9	0.6	0.4	0.9	1.8	1.5	2.1	2.3	2.3	1.8	1.8	1.6	1.1	0.6	0.4	1.0	2.3	0.1
12	0.1	0.5	2.6	2.3	1.7	0.9	1.3	2.1	2.1	2.4	2.2	2.6	2.6	2.4	3.0	2.6	2.6	2.1	2.3	2.0	2.4	1.1	0.5	0.3	1.9	3.0	0.1
13	0.4	0.0	0.3	0.7	0.4	0.8	0.6	0.4	0.1	1.4	2.6	3.3	3.3	2.9	4.3	4.5	3.7	2.9	1.9	2.2	1.5	1.1	1.3	1.4	1.8	4.5	0.0
14	1.5	1.7	1.6	1.5	1.5	1.5	1.6	1.4	1.4	1.9	2.4	3.2	3.1	3.1	3.1	2.0	2.3	1.9	1.6	1.0	0.8	1.6	0.3	0.5	1.8	3.2	0.3
15	0.0	0.2	0.8	2.2	1.8	0.9	0.7	0.7	0.7	1.0	1.4	2.3	1.6	1.9	2.9	3.0	2.6	1.1	0.1	0.2	0.2	0.4	0.6	0.5	1.1	3.0	0.0
16	0.4	0.9	0.6	0.6	0.3	0.3	0.0	0.2	0.1	0.7	1.4	2.2	2.9	2.8	2.6	2.4	1.5	0.8	0.4	0.1	0.1	0.3	1.0	2.9	0.0		
17	0.5	0.9	0.4	0.4	0.8	0.8	0.8	0.6	0.4	0.8	0.1	1.9	2.0	2.0	2.2	2.2	2.2	1.0	0.3	0.0	0.2	0.2	0.3	0.7	0.9	2.2	0.0
18	0.6	1.2	1.1	1.7	1.4	2.1	1.1	0.3	0.3	0.4	1.1	1.7	1.4	1.6	2.4	2.5	2.0	0.9	0.9	0.5	0.0	0.1	0.3	0.5	1.1	2.5	0.0
19	1.0	0.7	0.8	0.4	0.6	0.9	0.6	0.6	0.8	1.1	0.2	1.9	2.3	2.2	2.3	2.7	2.7	1.1	0.4	0.0	0.2	0.4	0.9	1.0	1.1	2.7	0.0
20	1.3	1.4	1.3	1.3	1.5	1.7	1.6	1.1	1.2	0.6	1.4	1.9	2.3	2.5	2.6	2.7	1.8	1.0	0.3	0.2	0.0	0.2	0.5	0.8	1.3	2.7	0.0
21	0.9	0.9	1.1	1.7	1.7	1.3	2.0	1.6	1.4	1.6	1.5	1.1	1.7	2.2	1.8	1.8	2.1	0.7	0.2	0.0	0.1	0.6	0.6	2.1	1.3	2.2	0.0
22	1.7	1.1	0.2	0.4	0.8	1.4	0.8	0.5	0.3	0.6	0.5	1.9	2.0	2.5	2.3	2.3	2.1	0.8	0.3	0.0	0.3	0.6	1.0	1.3	1.1	2.5	0.0
23	1.4	1.4	1.1	0.5	0.3	0.2	0.1	0.1	0.2	0.5	1.7	2.0	2.7	3.3	3.1	2.3	2.4	0.8	0.1	0.1	0.2	0.2	0.3	0.3	1.1	3.3	0.1
24	0.3	0.3	0.0	0.2	0.6	0.5	0.8	0.0	0.2	0.5	0.4	1.1	1.8	2.6	2.8	2.1	1.8	1.1	0.9	1.5	0.8	1.4	1.2	0.4	1.0	2.8	0.0
25	0.4	0.7	2.3	3.6	2.9	1.5	2.8	4.0	4.6	4.6	3.6	3.0	2.2	1.6	3.6	4.7	3.4	2.9	1.8	2.6	1.8	2.0	2.3	1.3	2.7	4.7	0.4
26	1.3	1.4	0.3	0.1	0.5	0.5	0.7	0.7	0.9	1.8	2.8	3.3	3.8	3.7	3.7	3.8	3.4	2.4	1.2	1.4	0.9	0.1	0.1	1.6	3.8	0.1	
27	0.8	0.9	0.7	0.7	0.9	0.4	0.0	0.0	0.8	1.3	1.8	0.4	1.6	2.7	2.6	2.9	2.7	1.6	0.6	0.5	0.3	0.2	0.5	0.9	1.1	2.9	0.0
28	1.0	1.7	1.5	1.5	2.2	2.3	3.0	3.0	3.0	3.0	3.9	3.6	3.4	3.0	1.6	1.9	2.1	1.0	1.5	2.9	3.4	4.5	4.2	4.6	2.7	4.6	1.0
29	4.6	4.2	4.2	3.6	4.0	4.2	4.2	3.8	3.8	3.8	4.1	4.1	3.3	2.8	2.3	1.7	1.2	0.5	0.7	2.5	1.5	2.1	1.8	1.1	2.9	4.6	0.5
30	0.1	0.0	0.2	0.2	0.2	0.3	0.3	0.1	0.2	1.1	1.7	1.9	1.1	1.5	2.1	2.4	1.7	1.7	2.9	2.8	3.6	3.6	3.8	2.8	1.5	3.8	0.0
Average	1.0	1.0	1.1	1.2	1.1	1.1	1.3	1.4	1.5	1.7	1.7	2.1	2.3	2.4	2.5	2.5	2.4	1.6	1.3	1.2	1.0	1.1	1.0	1.1			
Maximum	4.6	4.2	4.2	3.6	4.0	4.2	4.2	4.0	4.6	4.6	4.1	4.1	3.8	3.7	4.3	4.7	3.7	2.9	2.9	2.9	3.6	4.5	4.2	4.6			
Minimum	0.0	0.0	0.0	0.1	0.0	0.1	0.0	0.0	0.1	0.4	0.1	0.4	0.8	0.7	0.7	0.8	1.2	0.5	0.1	0.0	0.0	0.1	0.1	0.0	1.5	3.8	0.0

Quality Control Codes

Auto Zero, Span Check	AS
Calibration	CA
Invalid Hour	IH
Instrument Malfunction	IM
Channel Off Line	OL
Out of Range	OR
Rate of Change	RC
Replace Instrument	RP
Shelter Temperature Range Exceedance	ST
Instrument Warm Up	WU
Zero,Span Precision Check	ZS

Data Report - Level 1.0 Validation

Project Name: Calpines Initial Study

Site Name: Park



PCR Services Corporation

Parameter: Wind Direction

Units: Degrees True

Month: November Year: 2005

Day/Hour	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Ave	Max	Min	
1	121	108	125	126	120	327	129	116	120	148	205	287	292	288	286	272	296	303	293	283	305	283	280	287	225	327	108	
2	298	293	296	298	251	137	132	140	129	134	126	291	294	295	293	299	303	302	302	301	292	260	296	280	252	303	126	
3	280	142	134	122	127	124	127	113	127	122	130	141	279	279	294	287	293	299	300	245	121	136	142	141	188	300	113	
4	130	129	129	126	126	122	122	121	118	126	137	137	155	295	296	303	302	294	302	301	74	280	313	296	197	313	74	
5	332	308	284	263	80	112	127	128	121	130	181	285	294	288	296	299	293	304	303	296	290	291	33	19	223	332	19	
6	154	298	289	297	155	114	120	122	124	123	118	289	291	289	280	298	290	303	301	283	289	282	117	126	223	303	114	
7	113	172	138	128	115	123	128	134	132	120	122	117	116	115	111	137	136	123	122	124	137	139	135	139	128	172	111	
8	129	149	291	281	290	299	297	286	292	273	286	290	293	284	280	275	285	287	286	301	296	311	296	294	277	311	129	
9	295	292	113	124	33	124	133	126	127	134	132	128	121	131	140	168	139	110	149	125	127	126	129	304	147	304	33	
10	69	276	130	5	259	276	296	272	147	131	272	283	286	291	280	283	297	298	291	269	288	279	35	165	228	298	5	
11	119	134	110	112	117	129	115	122	119	135	121	291	296	287	280	290	303	300	291	297	286	298	134	128	200	303	110	
12	354	304	299	296	290	289	291	294	292	299	286	293	295	289	291	294	300	302	307	306	305	280	277	285	297	354	277	
13	309	167	133	131	114	121	126	117	261	298	295	299	300	303	293	301	304	301	305	301	292	276	279	284	246	309	114	
14	285	296	289	281	286	281	283	291	294	292	296	296	301	302	300	289	290	298	289	280	293	309	272	133	284	309	133	
15	134	96	301	269	267	288	265	284	90	126	279	271	266	269	272	276	275	273	51	130	144	120	119	117	208	301	51	
16	119	121	110	110	123	97	148	134	109	295	294	290	290	291	287	286	290	281	270	287	53	147	54	117	192	295	53	
17	113	122	126	110	120	128	116	121	128	131	277	296	287	287	289	292	291	274	280	0	126	131	110	111	178	296	0	
18	120	121	105	133	134	119	133	117	120	134	294	290	285	279	290	288	292	279	289	301	347	147	115	116	202	347	105	
19	118	124	124	112	117	121	109	101	118	123	226	301	294	290	290	289	301	292	284	275	120	102	106	123	186	301	101	
20	131	118	115	131	134	128	130	124	123	146	292	287	294	292	295	298	298	276	277	326	181	134	114	129	199	326	114	
21	117	114	137	122	119	121	114	107	128	127	134	274	279	284	280	289	288	270	310	9	153	122	122	122	121	173	310	9
22	105	121	153	127	117	130	124	121	98	132	288	295	287	287	291	294	291	266	281	41	124	125	113	113	180	295	41	
23	127	123	122	128	112	119	57	111	116	294	291	282	290	295.9	287	295	301	294	168	4	149	110	108	137	180	301	4	
24	133	124	287	131	123	131	122	193	101	145	110	282	291	296	297	289	292	289	278	292	288	299	285	125	217	299	101	
25	90	129	122	128	122	130	129	130	129	134	123	137	142	301	301	302	303	298	295	285	290	283	297	299	204	303	90	
26	301	304	259	277	309	311	311	297	308	299	293	295	298	289	291	295	298	302	310	292	309	138	99	194	278	311	99	
27	301	268	314	278	287	289	58	131	137	130	141	279	293	293	298	297	294	300	285	279	141	127	116	124	228	314	58	
28	110	113	108	111	126	126	128	128	130	127	133	119	113	123	157	160	137	199	130	139	111	115	120	117	128	199	108	
29	114	120	116	123	124	125	123	122	130	128	130	128	123	136	137	137	138	113	298	303	277	300	306	289	168	306	113	
30	338	50	328	287	280	251	301	27	174	129	136	144	130	136	141	135	140	134	127	126	116	112	123	121	166	338	27	
Average	182	175	186	172	166	173	160	154	151	169	205	247	253	263	264	267	269	265	259	227	211	202	168	175				
Maximum	354	308	328	298	309	327	311	297	308	299	296	301	301	303	301	304	304	310	326	347	311	313	304					
Minimum	69	50	105	5	33	97	57	27	90	120	110	117	113	115	111	135	136	110	51	0	53	102	33	19				

Quality Control Codes

Auto Zero, Span Check	AS
Calibration	CA
Invalid Hour	IH
Instrument Malfunction	IM
Channel Off Line	OL
Out of Range	OR
Rate of Change	RC
Replace Instrument	RP
Shelter Temperature Range Exceedance	ST
Instrument Warm Up	WU
Zero,Span Precision Check	ZS

Data Report - Level 1.0 Validation

Project Name: Calpines Initial Study

Site Name: Park



PCR

PCR Services Corporation

Parameter: Ambient Temperature

Units: Degrees Celcius (oC)

Month: November Year: 2005

Day/Hour	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Ave	Max	Min	
1	12.9	12.5	12.9	12.6	12.3	10.9	9.7	9.3	11.8	15.4	18.4	19.5	20.2	20.5	21.6	23.2	23.1	21.7	18.1	16.5	15.1	14.5	13.8	13.8	15.8	23.2	9.3	
2	14.1	14.1	14.1	14.2	13.9	13.5	12.6	12.6	12.8	13.6	15.0	16.0	16.4	16.5	15.8	15.2	14.7	14.0	13.5	13.0	12.1	11.4	10.6	13.8	16.5	10.6		
3	9.5	8.4	7.5	6.7	6.2	6.7	6.1	6.3	7.3	9.7	12.4	15.2	16.4	17.1	17.4	18.2	17.9	17.1	16.5	14.8	13.4	13.0	13.0	12.6	12.1	18.2	6.1	
4	12.2	11.6	11.3	11.1	10.6	10.4	10.3	9.8	10.4	11.6	13.5	15.5	17.9	18.2	18.1	18.0	17.5	16.4	15.1	14.0	12.8	11.8	10.6	13.3	18.2	9.8		
5	9.6	9.8	9.1	8.1	7.3	6.2	5.9	5.9	7.4	9.6	13.2	15.2	16.6	17.8	18.2	17.9	17.4	16.4	15.1	14.2	13.2	11.8	10.8	12.3	18.2	5.9		
6	10.5	10.7	11.0	10.5	10.4	10.3	10.1	10.2	10.7	12.0	14.6	16.2	16.8	18.0	19.4	19.6	19.3	18.5	17.5	16.8	16.5	15.8	15.2	14.6	19.6	10.1		
7	15.0	14.6	14.0	13.4	13.5	13.5	13.4	13.5	13.4	14.0	15.0	16.7	18.1	18.9	19.0	19.3	18.9	18.0	17.3	17.1	16.9	16.6	15.9	15.2	15.9	19.3	13.4	
8	14.5	14.4	13.4	13.2	13.2	12.5	12.1	11.9	11.8	11.8	12.0	12.9	13.8	15.3	15.9	16.0	16.1	16.0	15.3	14.5	13.9	13.8	14.4	14.7	13.9	16.1	11.8	
9	15.0	15.2	14.4	13.1	12.3	11.7	11.4	11.2	12.0	13.5	15.2	16.7	16.3	18.1	20.0	18.9	17.5	16.7	16.2	15.5	15.0	14.3	13.7	12.5	14.8	20.0	11.2	
10	11.2	10.3	9.9	9.8	9.7	9.4	10.8	10.9	11.1	12.3	14.8	15.8	17.0	17.4	17.8	17.9	18.5	17.9	16.6	14.9	13.8	13.3	11.8	10.2	13.5	18.5	9.4	
11	9.5	9.2	8.5	7.9	7.9	7.8	7.5	7.6	8.9	10.7	12.7	14.9	16.0	16.9	17.7	18.0	17.7	16.6	16.0	15.7	15.2	13.8	12.3	12.7	18.0	7.5		
12	11.5	12.6	12.6	12.3	12.2	11.8	11.8	11.8	12.1	12.1	12.7	13.6	14.4	15.8	17.3	18.3	18.4	17.6	16.1	15.1	14.1	12.9	12.0	11.1	13.7	18.4	11.1	
13	10.5	9.4	8.7	8.4	8.1	7.3	7.2	6.5	7.9	10.9	13.2	14.6	16.3	17.5	18.4	18.4	18.2	17.7	16.7	15.7	14.7	13.7	13.2	13.2	12.8	18.4	6.5	
14	13.5	13.5	13.3	12.8	12.5	12.2	12.3	12.1	12.3	13.6	15.2	16.4	17.5	19.0	20.3	21.3	20.8	20.2	19.2	18.0	16.7	16.3	15.2	13.4	15.7	21.3	12.1	
15	12.3	11.8	13.7	17.7	17.5	16.2	14.9	15.6	14.9	17.3	20.1	21.2	22.5	23.8	23.9	23.7	22.9	21.4	17.8	15.6	14.0	13.2	12.3	11.7	17.3	23.9	11.7	
16	10.9	10.1	9.5	9.0	8.3	8.1	7.2	6.7	9.4	14.5	15.7	17.7	19.6	21.2	22.5	23.3	23.5	22.2	19.7	17.8	15.0	13.5	12.3	11.8	14.6	23.5	6.7	
17	11.5	10.9	9.9	9.0	8.7	8.4	8.1	7.4	9.1	12.6	16.3	18.0	19.9	21.8	23.1	23.9	24.0	22.2	18.6	15.6	13.7	12.8	12.0	11.6	14.5	24.0	7.4	
18	11.0	10.2	10.9	9.9	9.4	10.1	9.8	7.6	8.6	13.8	16.5	18.6	20.7	22.5	23.7	24.5	24.7	22.7	20.0	17.3	14.5	13.2	12.4	12.2	15.2	24.7	7.6	
19	11.8	10.6	9.9	8.5	8.2	7.8	7.0	6.7	7.5	11.0	15.7	17.7	19.4	21.1	22.4	22.8	22.6	21.1	17.5	14.6	12.8	12.0	11.8	10.9	13.8	22.8	6.7	
20	9.8	9.6	8.9	7.9	8.4	8.0	7.2	6.0	6.8	11.5	13.5	16.4	18.6	20.4	21.4	22.3	22.7	20.6	16.8	13.8	12.7	11.2	10.5	10.4	13.1	22.7	6.0	
21	9.3	8.7	8.1	8.4	8.0	7.2	7.6	7.3	7.4	8.7	13.3	16.7	18.7	20.5	21.6	21.7	21.9	19.9	16.2	13.9	12.4	11.7	11.2	10.6	13.0	21.9	7.2	
22	11.2	9.9	9.0	7.6	7.7	7.7	6.4	5.8	7.3	11.1	14.7	16.2	18.3	19.9	21.2	21.9	22.1	20.2	16.9	13.8	12.7	12.4	11.6	13.3	22.1	5.8		
23	10.7	9.7	8.6	7.7	6.8	6.1	6.0	5.3	6.9	12.1	13.4	15.3	17.4	19.1	20.0	20.5	20.5	19.4	16.1	13.9	12.6	11.9	11.2	10.3	12.6	20.5	5.3	
24	9.5	8.7	7.8	7.1	7.0	6.5	6.8	6.3	7.0	10.2	12.4	13.5	15.0	15.8	16.4	16.6	16.5	15.8	14.5	13.8	13.0	12.6	12.5	12.4	11.6	16.6	6.3	
25	12.1	11.8	11.8	11.8	12.0	12.1	12.0	12.7	12.6	13.6	13.5	12.5	13.9	14.5	15.2	15.7	16.0	14.8	13.7	13.1	12.3	11.6	11.2	10.3	12.9	16.0	10.3	
26	9.6	9.5	8.1	7.3	7.7	6.7	6.5	6.1	6.4	8.8	9.4	10.4	11.5	12.5	13.1	13.4	13.3	12.7	11.3	9.7	8.7	6.5	5.0	4.0	9.1	13.4	4.0	
27	4.5	5.0	4.8	4.0	4.5	3.3	2.0	1.4	2.5	4.8	7.3	10.0	11.4	12.3	13.5	14.0	13.9	13.2	11.0	9.5	7.2	6.1	5.4	4.9	7.3	14.0	1.4	
28	5.0	4.9	5.2	5.1	5.5	6.1	6.6	6.6	6.8	8.3	10.3	12.8	13.9	15.9	16.9	16.5	15.7	14.9	13.8	12.8	10.2	9.0	8.3	8.4	10.0	16.9	4.9	
29	8.3	8.3	8.3	8.3	8.7	9.0	9.3	9.6	9.7	10.3	11.3	12.7	13.9	14.0	14.3	15.0	15.4	15.4	15.0	13.9	13.3	12.9	12.2	11.4	11.7	15.4	8.3	
30	10.2	9.0	8.5	8.4	8.1	8.7	9.0	8.6	8.9	9.2	10.4	12.6	14.2	15.5	16.7	17.7	17.8	17.9	17.3	16.3	16.0	16.1	15.6	14.9	14.8	12.7	17.9	8.1
Average	10.9	10.5	10.1	9.7	9.6	9.2	8.9	8.6	9.4	11.6	13.7	15.3	16.7	17.9	18.8	19.2	19.0	18.0	16.2	14.8	13.6	12.8	12.1	11.5				
Maximum	15.0	15.2	14.4	17.7	17.5	16.2	14.9	15.6	14.9	17.3	20.1	21.2	22.5	23.8	23.9	24.5	24.7	22.7	20.0	18.0	16.9	16.6	15.9	15.2				
Minimum	4.5	4.9	4.8	4.0	4.5	3.3	2.0	1.4	2.5	4.8	7.3	10.0	11.4	12.3	13.1	13.4	13.3	12.7	11.0	9.5	7.2	6.1	5.0	4.0				

Quality Control Codes

Auto Zero, Span Check	AS
Calibration	CA
Invalid Hour	IH
Instrument Malfunction	IM
Channel Off Line	OL
Out of Range	OR
Rate of Change	RC
Replace Instrument	RP
Shelter Temperature Range Exceedance	ST
Instrument Warm Up	WU
Zero,Span Precision Check	ZS

Data Report - Level 0.0 Validation

Project Name: Calpines Initial Study

Site Name: Park



PCR Services Corporation

Parameter: Relative Humidity

Units: Percent (%)

Month: November Year: 2005

Day/Hour	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Ave	Max	Min	
1	69	68	62	60	63	71	75	73	64	52	41	41	38	42	40	36	36	39	57	67	73	78	86	88	59	88	36	
2	87	86	85	85	83	83	88	85	86	87	85	80	62	54	52	54	56	56	56	60	66	72	75	79	73	88	52	
3	83	87	89	90	91	90	91	88	85	76	69	56	48	48	48	45	45	49	50	57	64	65	71	77	69	91	45	
4	85	96	96	94	94	94	95	95	94	90	86	79	68	64	63	61	55	62	69	74	79	82	87	83	81	96	55	
5	88	86	88	91	92	93	95	95	89	81	70	57	55	51	50	52	54	55	61	68	73	77	83	87	75	95	50	
6	88	87	86	88	90	91	91	89	88	83	74	71	69	66	61	61	61	62	68	75	79	82	85	83	78	91	61	
7	84	86	87	88	88	88	88	88	88	86	83	73	64	61	62	62	65	72	75	75	75	76	79	83	78	88	61	
8	87	88	93	94	95	95	95	94	94	93	91	87	82	76	72	69	67	69	73	76	79	78	72	67	83	95	67	
9	64	62	66	72	78	81	83	88	85	79	70	65	69	63	51	52	60	65	70	73	73	74	79	84	71	88	51	
10	89	91	91	92	93	93	89	89	89	84	76	70	61	55	53	54	46	44	49	58	65	72	78	85	74	93	44	
11	88	89	92	93	94	93	94	93	91	86	79	69	62	60	57	57	61	68	71	71	73	75	80	87	79	94	57	
12	90	88	87	88	87	87	87	87	87	84	79	77	75	69	64	58	56	60	63	68	75	80	84	88	78	90	56	
13	90	93	94	93	87	90	92	93	90	83	78	67	54	46	44	46	53	57	67	78	84	89	92	93	77	94	44	
14	93	94	94	96	96	97	97	97	96	91	84	78	73	66	61	57	58	59	63	68	75	76	80	86	81	97	57	
15	89	90	72	41	38	42	45	41	46	43	31	27	25	22	22	21	24	27	37	47	49	50	50	53	43	90	21	
16	56	58	62	65	68	70	74	76	68	54	49	44	39	35	33	32	32	37	46	54	66	70	74	74	56	76	32	
17	72	74	76	80	79	80	79	82	76	64	53	48	42	35	31	29	29	32	43	56	62	61	62	60	59	82	29	
18	62	64	61	65	65	61	63	74	70	53	46	39	34	31	28	26	25	31	39	50	62	67	66	62	52	74	25	
19	62	65	67	71	71	72	76	77	73	60	49	43	38	34	30	29	29	34	46	58	63	62	58	60	55	77	29	
20	64	61	60	65	59	58	61	65	59	45	43	34	30	29	27	24	24	27	39	52	57	63	62	58	49	65	24	
21	60	62	63	59	60	62	61	63	57	41	39	36	31	29	28	29	36	49	59	64	63	62	60	52	64	28		
22	53	57	62	67	63	61	66	70	66	52	46	41	36	32	31	29	29	35	45	58	61	57	54	55	51	70	29	
23	58	62	64	69	70	75	77	80	74	59	60	54	46	39	36	36	35	41	52	62	67	68	67	67	59	80	35	
24	72	73	77	82	81	80	78	80	82	75	77	73	68	65	63	62	61	65	71	75	82	86	87	87	75	87	61	
25	91	94	92	92	88	87	85	80	80	81	77	92	93	93	83	69	62	67	70	70	73	69	70	80	94	62		
26	74	70	76	82	81	86	87	86	83	71	66	61	52	44	40	38	36	39	48	57	64	75	80	82	66	87	36	
27	82	79	80	84	83	86	91	93	89	79	70	58	47	41	35	33	35	37	45	53	63	66	66	63	65	93	33	
28	63	65	65	65	64	62	60	60	59	54	46	35	29	25	21	25	27	21	24	39	65	76	89	90	51	90	21	
29	90	89	90	93	93	94	94	95	97	97	96	93	89	92	93	90	88	88	90	92	92	91	85	88	92	97	85	
30	92	95	96	97	97	97	97	97	97	97	97	93	80	74	69	66	56	58	63	68	69	67	70	76	72	81	97	56
Average	78	79	79	80	80	81	82	82	80	73	67	61	55	51	48	46	47	50	57	64	70	73	75	76				
Maximum	93	96	96	97	97	97	97	97	97	97	96	93	93	93	90	88	88	90	92	92	91	92	93					
Minimum	53	57	60	41	38	42	45	41	46	43	31	27	25	22	21	21	24	21	24	39	49	50	50	53				

Quality Control Codes

Auto Zero, Span Check	AS
Calibration	CA
Invalid Hour	IH
Instrument Malfunction	IM
Channel Off Line	OL
Out of Range	OR
Rate of Change	RC
Replace Instrument	RP
Shelter Temperature Range Exceedance	ST
Instrument Warm Up	WU
Zero,Span Precision Check	ZS

Data Report - Level 1.0 Validation

Project Name: Calpines Initial Study

Site Name: Park



PCR Services Corporation

Parameter: Shelter Temperature

Units: Degrees Celcius (oC)

Month: November Year: 2005

Day/Hour	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Ave	Max	Min	
1	26.0	26.2	26.3	26.2	26.2	25.9	25.5	25.1	24.7	24.8	25.3	25.4	25.5	25.4	25.4	25.4	25.4	25.5	25.5	25.6	25.8	26.0	26.0	25.6	26.3	24.7		
2	26.2	26.2	26.2	26.2	26.2	26.1	26.3	26.3	26.4	26.3	26.1	25.9	25.7	25.6	25.6	25.7	25.8	26.0	26.0	26.1	26.1	26.0	25.7	26.0	26.4	25.6		
3	25.4	25.2	24.9	24.4	24.0	23.4	22.8	22.3	21.9	21.9	22.6	23.9	24.9	25.3	25.4	25.4	25.4	25.5	25.6	25.7	25.9	26.2	26.1	26.2	24.6	26.2	21.9	
4	26.2	26.3	26.3	26.3	26.3	26.0	25.6	25.2	25.0	24.8	25.0	25.4	25.5	25.5	25.5	25.5	25.5	25.5	25.6	25.8	25.9	26.0	26.1	26.0	25.7	25.7	24.8	
5	25.3	25.1	24.8	24.5	24.1	23.6	23.0	22.4	21.9	21.9	22.6	23.9	25.0	25.3	25.7	26.2	25.9	25.6	25.7	25.8	26.0	26.2	26.1	26.0	24.7	26.2	21.9	
6	25.8	25.9	25.8	25.7	25.6	25.4	25.1	24.8	24.6	24.5	24.8	25.3	25.5	25.5	25.5	25.5	25.5	25.5	25.6	25.7	25.7	25.8	25.8	25.4	25.9	24.5		
7	25.9	26.0	26.1	26.2	26.2	26.3	26.3	26.3	26.4	26.2	26.1	25.9	25.8	25.7	25.6	25.6	25.6	25.6	25.7	25.7	25.8	25.8	25.9	26.4	25.6	25.6		
8	25.9	26.1	26.2	26.2	26.2	26.2	26.2	26.2	26.0	25.9	25.9	26.0	26.0	25.9	25.7	25.7	25.8	25.8	25.8	25.9	26.1	26.2	26.2	26.0	26.2	25.7		
9	26.1	26.3	26.4	26.4	26.3	26.1	25.9	25.8	25.5	25.5	25.6	25.8	25.7	25.6	25.6	25.5	25.5	25.6	25.7	25.7	25.8	25.9	26.1	26.3	25.9	26.4	25.5	
10	26.3	26.3	26.1	25.9	25.7	25.3	24.9	24.7	24.5	24.5	24.8	25.4	25.6	25.6	25.7	25.6	25.6	25.7	25.7	25.8	26.0	26.2	26.2	26.0	25.6	26.3	24.5	
11	25.7	25.5	25.2	24.9	24.6	24.2	23.7	22.4	20.8	21.0	21.6	22.5	23.6	24.8	25.2	25.3	25.4	25.5	25.6	25.7	25.8	25.9	26.0	24.5	26.0	20.8		
12	26.1	26.2	26.1	26.1	26.0	25.8	25.7	25.5	25.3	25.3	25.4	25.7	25.8	25.7	25.6	25.5	25.5	25.6	25.8	25.9	26.0	26.0	25.9	25.8	26.2	25.3		
13	25.6	25.5	25.2	24.9	24.6	24.1	23.6	23.0	22.6	22.4	22.8	23.7	24.6	25.3	25.4	25.5	25.5	25.6	25.7	25.9	26.0	26.0	26.1	24.8	26.1	22.4		
14	26.2	26.4	26.2	26.2	26.2	26.1	25.9	25.7	25.5	25.6	25.7	25.6	25.6	25.5	25.5	25.5	25.5	25.5	25.5	25.6	25.7	25.8	25.9	25.8	26.4	25.5		
15	25.9	26.1	26.1	26.0	26.1	26.1	26.0	25.9	25.7	25.8	25.6	25.5	25.5	25.5	25.5	25.5	25.5	25.5	25.5	25.6	25.7	26.0	26.1	26.0	25.8	26.1	25.4	
16	25.7	25.7	25.4	25.1	24.8	24.3	23.7	23.2	22.7	22.6	23.4	24.7	25.2	25.6	26.6	27.7	28.5	28.6	28.2	27.7	26.6	26.1	26.2	26.3	25.6	28.6	22.6	
17	26.1	26.1	25.9	25.6	25.2	24.7	24.1	23.5	22.6	22.9	24.0	25.2	25.5	25.5	25.4	25.4	25.4	25.5	25.7	25.9	25.8	25.5	25.0	25.1	26.1	22.6		
18	24.5	24.2	23.8	23.4	23.0	22.5	21.9	21.5	21.0	20.8	21.4	22.8	24.3	25.0	25.2	25.3	25.3	25.3	25.4	25.7	26.0	26.1	25.8	25.4	24.0	26.1	20.8	
19	24.8	24.6	24.2	23.7	23.3	22.6	21.8	21.1	20.4	20.1	20.6	22.0	23.7	24.8	25.2	25.3	25.3	25.4	25.5	25.9	26.0	25.7	25.2	24.7	23.8	26.0	20.1	
20	24.1	23.7	23.2	22.7	22.2	21.6	20.9	20.3	19.7	19.4	20.0	21.3	22.9	24.4	25.1	25.3	25.3	25.4	25.6	25.7	25.7	25.4	24.9	24.3	23.3	25.7	19.4	
21	23.7	23.3	22.8	22.3	21.9	21.3	20.6	20.1	19.6	19.4	19.6	20.7	22.4	24.0	25.0	25.2	25.4	25.5	25.6	25.8	25.8	25.5	25.0	24.5	23.1	25.8	19.4	
22	23.9	23.6	23.3	22.9	22.4	21.8	21.1	20.4	19.7	19.4	19.9	21.3	23.7	25.5	26.3	26.5	26.6	26.6	26.8	27.0	26.8	26.4	25.8	25.2	23.9	27.0	19.4	
23	24.6	24.3	23.8	23.3	22.8	22.0	21.2	20.5	19.9	19.5	19.9	21.0	22.4	23.8	25.1	26.1	26.4	26.6	26.8	26.8	26.6	26.2	25.6	25.0	23.8	26.8	19.5	
24	24.4	24.0	23.5	22.9	22.4	21.7	21.0	20.4	19.8	19.6	19.9	20.7	21.7	22.7	23.7	24.5	25.2	25.6	25.9	25.8	25.6	25.3	25.0	24.8	23.2	25.9	19.6	
25	24.6	24.7	24.6	24.6	24.5	24.2	23.9	23.7	23.6	23.5	23.5	23.7	23.8	24.0	24.3	24.4	24.4	24.5	24.5	24.3	24.1	23.8	23.4	23.0	24.1	24.7	23.0	
26	22.5	22.4	22.1	21.7	21.5	21.0	20.4	19.8	19.2	18.8	19.0	19.7	20.4	21.1	21.8	22.2	22.6	22.7	22.5	22.1	21.7	21.1	20.3	21.2	22.7	18.8		
27	19.6	19.1	18.6	18.2	17.7	17.2	16.6	16.0	15.4	15.0	15.3	16.2	17.5	18.7	19.8	20.8	21.5	22.0	22.3	22.2	21.8	21.3	20.7	19.9	18.9	22.3	15.0	
28	19.3	19.0	18.7	18.4	18.1	17.9	17.6	17.5	17.5	17.5	17.7	18.4	19.4	20.4	21.6	22.9	23.8	24.5	24.7	24.7	24.6	24.2	23.6	23.0	20.6	24.7	17.5	
29	22.4	22.2	21.9	21.7	21.6	21.4	21.1	20.9	20.8	20.8	21.0	22.0	24.6	27.0	28.4	28.2	27.9	27.7	27.5	27.3	26.8	26.5	26.0	25.6	24.2	28.4	20.8	
30	25.1	24.9	24.4	23.9	23.4	22.8	22.2	21.8	21.5	21.3	21.3	21.7	22.7	23.7	24.8	25.7	26.4	27.0	27.2	27.2	27.1	26.9	26.7	24.4	27.2	21.3		
Average	24.8	24.7	24.5	24.2	24.0	23.6	23.2	22.7	22.4	22.2	22.6	23.2	24.0	24.6	25.0	25.3	25.4	25.5	25.7	25.6	25.5	25.4	25.1					
Maximum	26.3	26.4	26.4	26.4	26.3	26.2	26.3	26.3	26.4	26.3	26.1	26.0	27.0	28.4	28.2	28.5	28.6	28.2	27.7	27.2	27.1	26.9	26.7					
Minimum	19.3	19.0	18.6	18.2	17.7	17.2	16.6	16.0	15.4	15.0	15.3	16.2	17.5	18.7	19.8	20.8	21.5	22.0	22.3	22.2	21.8	21.3	20.7	19.9				

Quality Control Codes

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